



United States  
Department of  
Agriculture

Forest  
Service

Northeastern Area  
State & Private  
Forestry

180 Canfield Street  
Morgantown, WV 26505

ALUE  
OH, WV  
MTD

Reply To: 3410/3460

Date: December 10, 1991

Mike Fowles  
Loyalhanna Lake  
U.S. Army Corps of Engineers  
Pittsburgh District  
RD #2  
Saltsburg, PA 15681

Dear Mr. Fowles:

The results of the 1991 gypsy moth trapping program conducted at five U.S. Army Corps of Engineers sites within the Pittsburgh District are enclosed for your information along with similar information for 1987-1990 included for comparison (Table 1). Also enclosed are maps showing the location of those traps with positive counts (Figures 1-5). The purpose of the program is to monitor low level gypsy moth populations and to help us determine when more quantifiable survey methods should be employed. The results of the 1991 gypsy moth trapping and monitoring program at these sites are listed below.

Berlin Lake

Gypsy moth catches averaged 6 moths per trap. Five minute walk egg mass surveys conducted at this site by Corps personnel revealed no egg masses.

Michael J. Kirwan Dam

Traps at this site averaged 17 moths per trap. In addition, one gypsy moth pupae was detected during burlap banding surveys conducted by Corps personnel.

Mosquito Creek Lake

Gypsy moth traps at this site averaged 23 moths per trap. No other survey methods were reported.

Stonewall Jackson Dam

Trap catches at this site averaged one moth per trap. No egg masses were found during five minute walk egg mass surveys conducted by Corps personnel.

Tygart Lake

Gypsy moth catches at Tygart Lake averaged 63 moths per trap. Army Corps of Engineers personnel conducted five minute walk egg mass surveys and no egg masses were found.





We would like to see the trapping program continued at the same intensity at all five sites in 1992. If Army Corps of Engineers personnel would like to conduct burlap banding and/or egg mass surveys at these sites, we will provide whatever technical assistance is necessary. It is better to intensify monitoring efforts a year too early than a year too late.

Thank you for your continued cooperation and if you have any questions regarding these results, please call me at (304) 285-1556.

Sincerely,

*Karen D. Felton*

KAREN D. FELTON  
Biological Technician  
Forest Health Protection

Enclosures

cc: AO

Leo Jay, Berlin Lake  
Susan Kline, Park Ranger, Michael J. Kirwan Dam  
Herb Allen, Mosquito Creek Lake  
James Devore, Resource Manager, Stonewall Jackson Lake  
Patrick A. Docherty, Mon.Area Res.Mgr., Tygart Lake  
Larry Ehlers, OHDNR  
Allen Baumgard, OHDA  
Charles Coffman, WVDA  
Robert Acciavatti, USDA, FHP  
Jan Hacker, WVDA

KDF/mae



Table 1.--Summary of the 1987-91 Gypsy Moth Trapping Results,  
Pittsburgh District, U.S. Army Corps of Engineers.

BERLIN LAKE (Portage, Stark and Mahoning Counties, OH)

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBER
1987		TRAPS NOT RETURNED
1988	9	1,4,11
1989	0	TRAPS NOT DEPLOYED
1990	74	ALL
1991	80	ALL

MICHAEL J. KIRWAN DAM (Portage County, OH)

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBER
1987	1	1
1988	4	3,6,7
1989	56	ALL
1990	97	ALL
1991	168	ALL

MOSQUITO CREEK LAKE (Trumbull County, OH)

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBER
1987	63	ALL
1988	59	ALL
1989	132	1,2,3,6,7,9
1990	130	ALL
1991	223	ALL

STONEWALL JACKSON DAM (Lewis County, WV)

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBER
1987	4	18,23
1988	2	4,11
1989	6	11,16,18,20,22
1990	51	19,20,21,22,23
1991	19	5,6,7,9,15,17,18,20,23,24,25

Table 1. (continued)

TYGART LAKE (Taylor County, WV)

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBER
1987	48	ALL EXCEPT 4,5,11
1988	10	8,9,10,11
1989	564	ALL EXCEPT 9
1990	785	ALL
1991	755	ALL EXCEPT 3

Figure 1.--1991 Gypsy Moth Trap Locations.

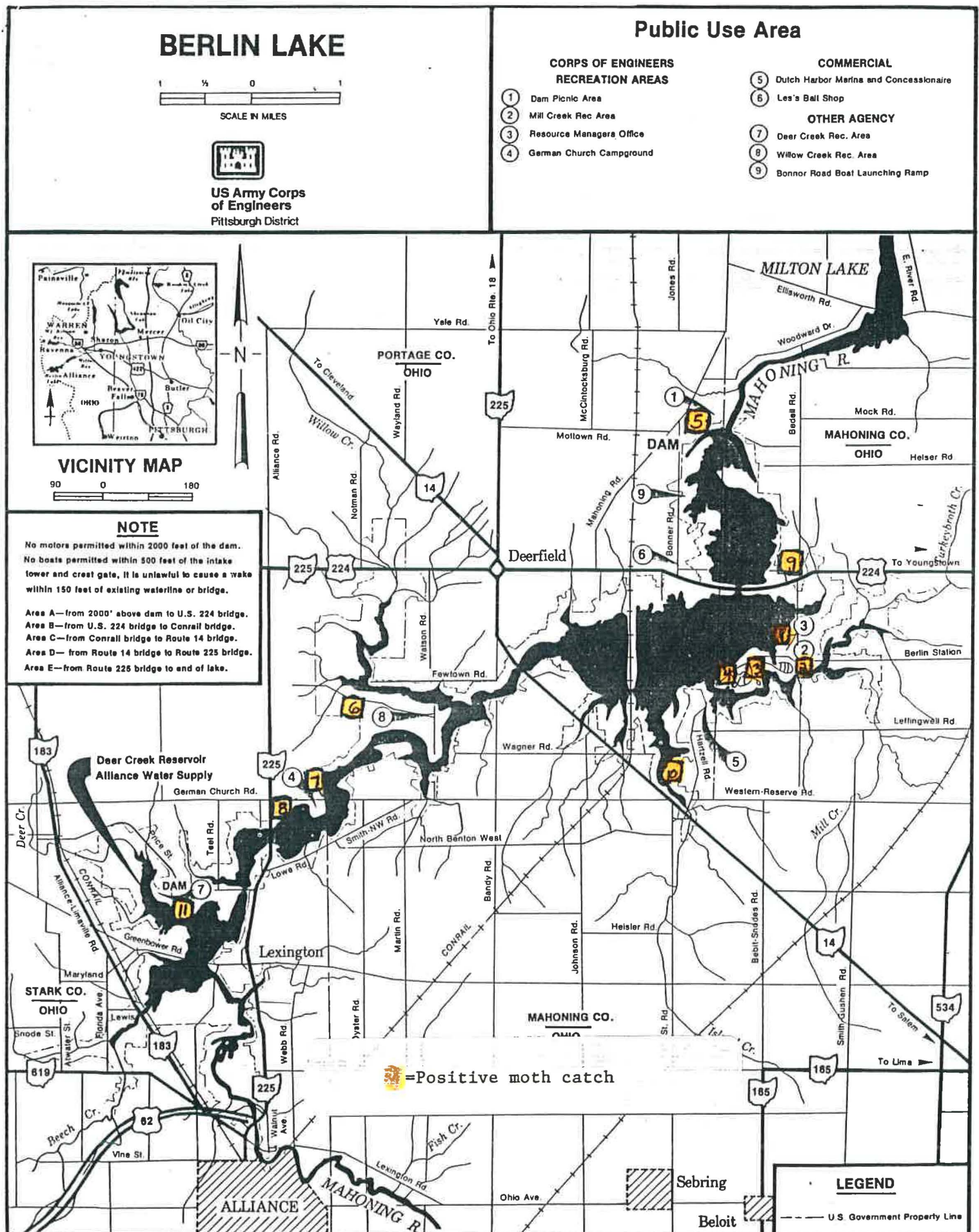




Figure 2.--1991 Gypsy Moth Trap Locations.

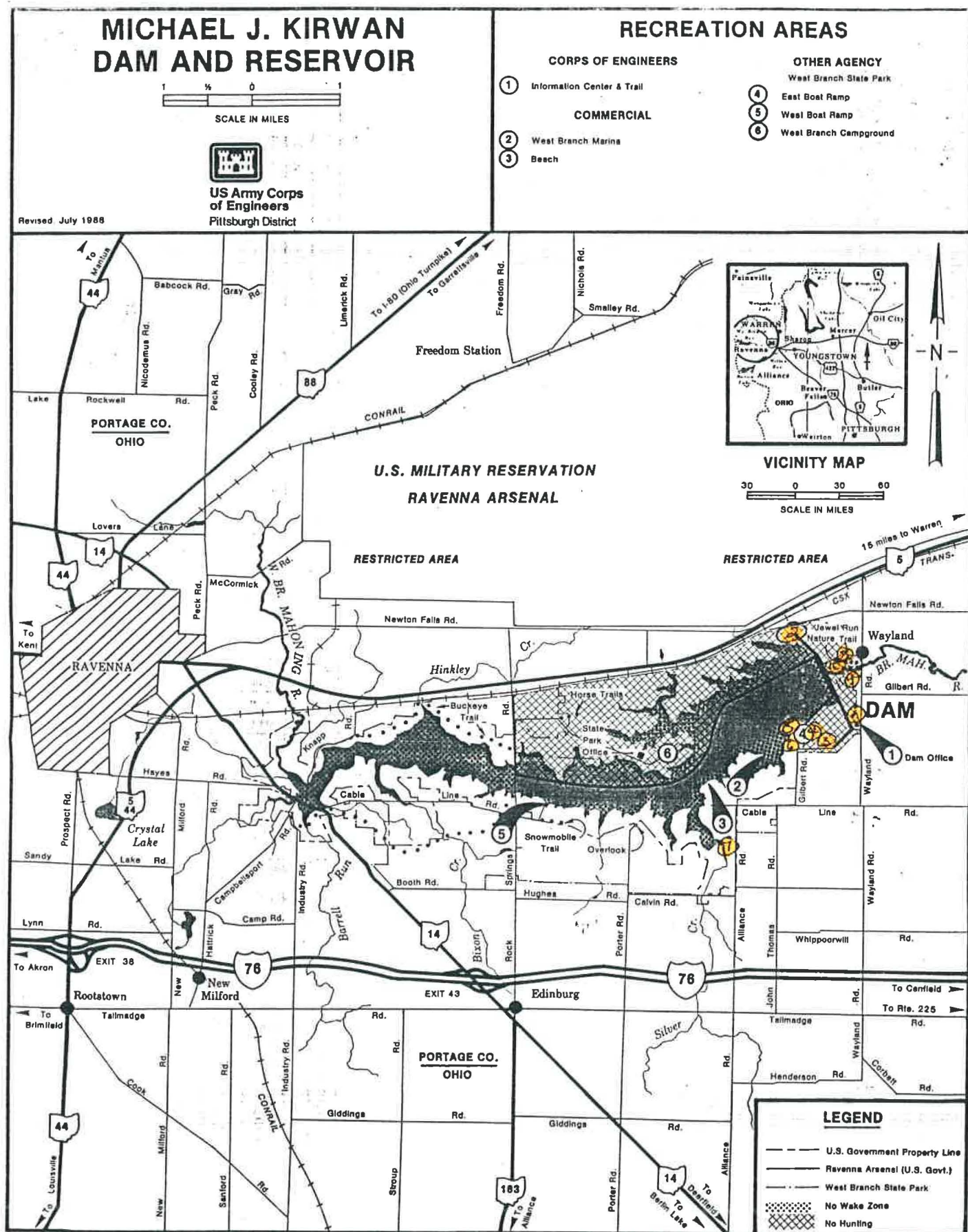
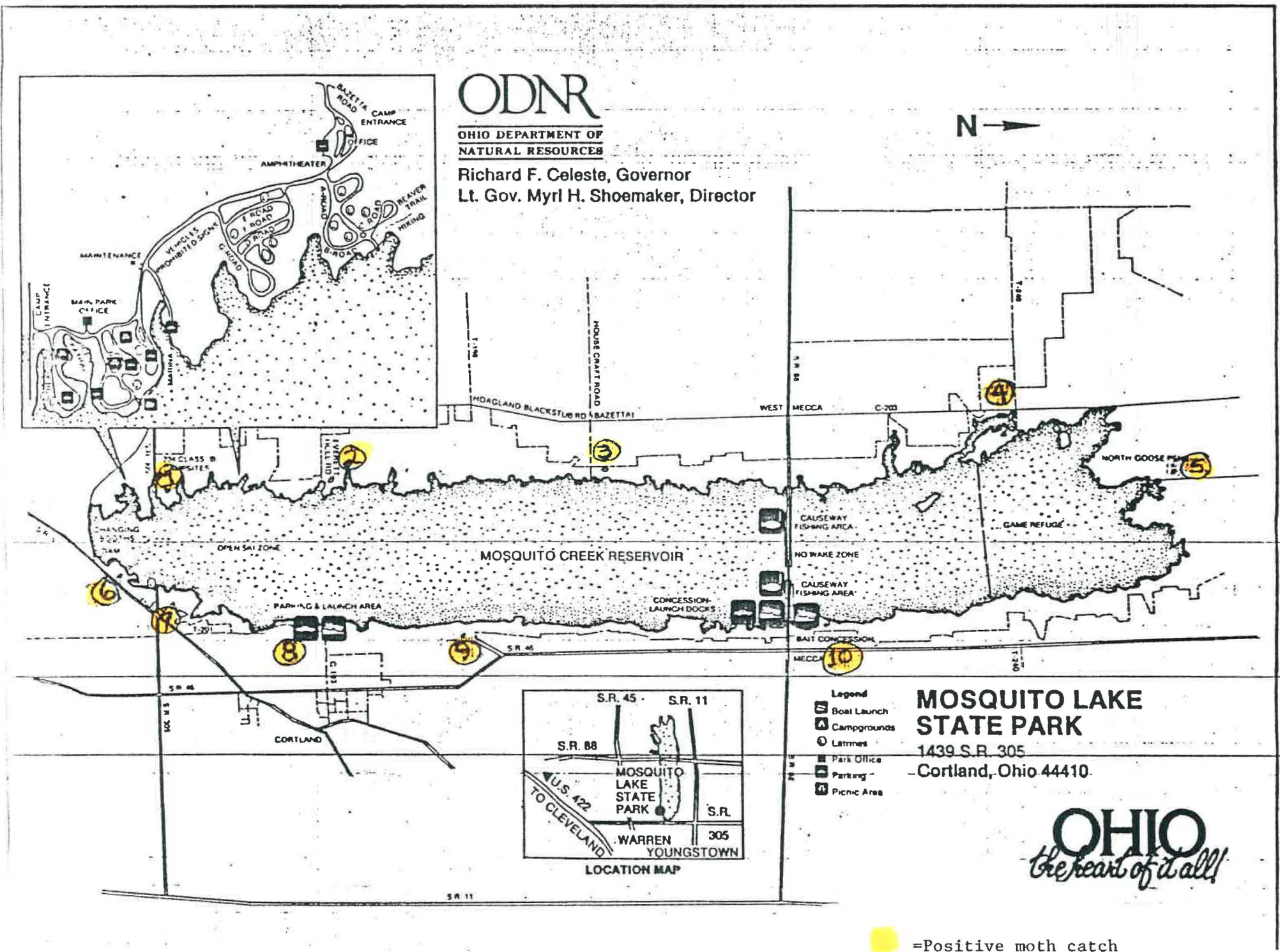




Figure 3.--1991 Gypsy Moth Trap Locations.



=Positive moth catch



Figure 4.--1991 Gypsy Moth Trap Locations.

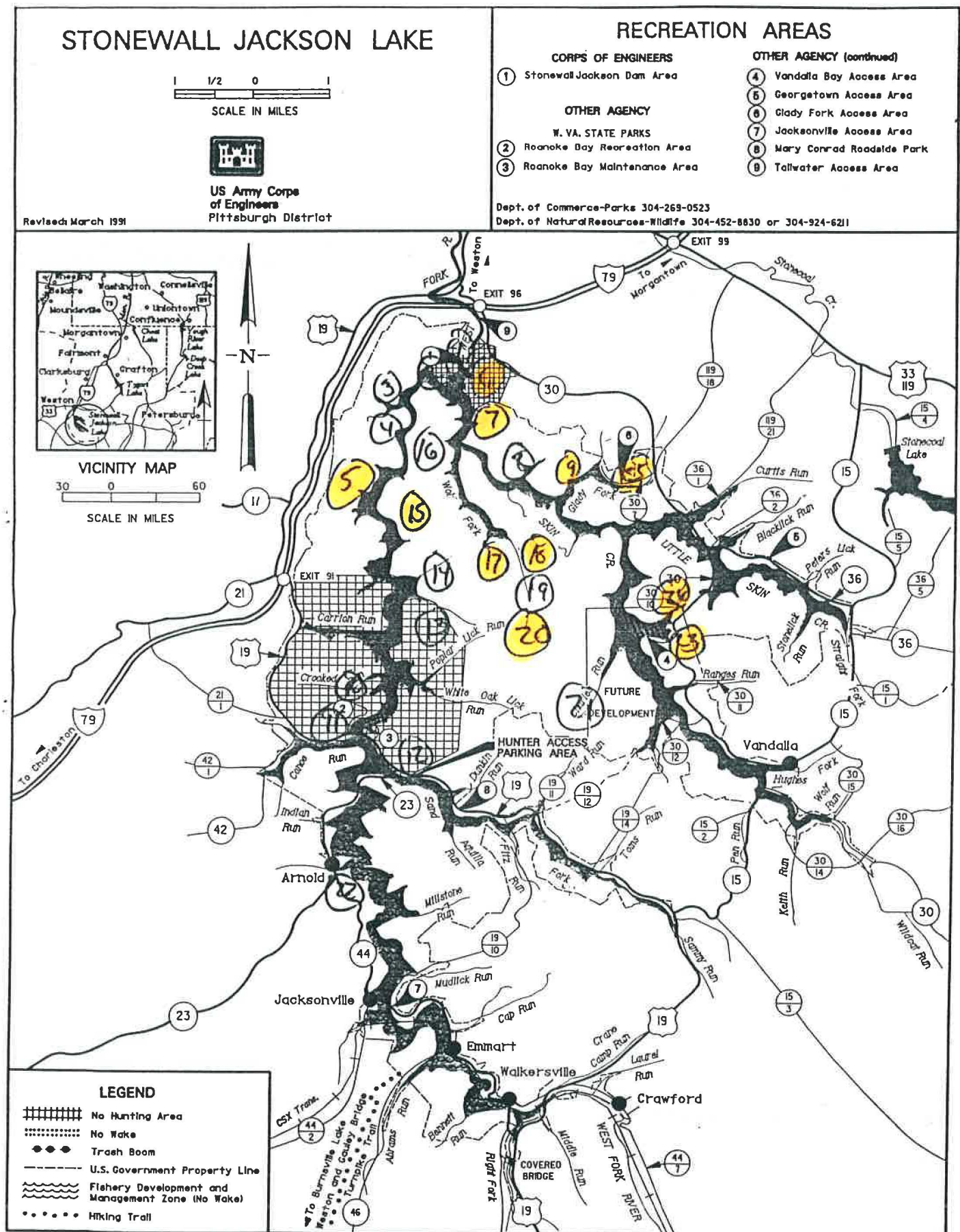




Figure 5.--1991 Gypsy Moth Trap Locations.

